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EXAMINING GROUP 1646
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TECH CENTER 1600/2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Turner Jr. *et al.* (As Amended) Group Art Unit: 1646
Application No.: 09/918,359 Examiner: J. Murphy
Filed: 07/30/2001
Atty. Docket No.: LEX-0208-USA
Title: Human Ion Channel Proteins and Polynucleotides
Encoding the Same (As Amended)

RESPONSE TO OFFICE ACTION DATED MAY 30, 2003

Mail Stop AF

Commissioner for Patents
Alexandria, VA 22313

Sir:

Applicants acknowledge the receipt of the Office Action ("the Action") mailed on May 30, 2003 (Paper No. 11), which has been carefully reviewed and studied. Reexamination and reconsideration of the application is requested in view of the following remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the rejections in Paper No. 11 in the same order in which they were originally raised.

The response is due on August 30, 2003, which falls on a Saturday and is therefore extended until Monday, September 1, 2003, which falls on a Federal holiday and is therefore extended until Tuesday, September 2, 2003 under 37 C.F.R. § 1.7. The response is thus timely filed, and Applicants believe no fees are due in connection with this response. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0892.

RESPONSE

I. Status of the Claims

No claims have been cancelled. No claims have been amended. No new claims have been



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Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

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☐ 1: AP003071. Homo sapiens geno...[gi:22202827]

LOCUS AP003071 191898 bp DNA linear PRI 10-AUG-2002
 DEFINITION Homo sapiens genomic DNA, chromosome 11 clone:RP11-554A11, complete sequence.

ACCESSION AP003071

VERSION AP003071.3 GI:22202827

KEYWORDS HTG.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hattori,M., Ishii,K., Toyoda,A., Taylor,T.D., Hong-Seog,P.,
 Fujiyama,A., Yada,T., Totoki,Y., Watanabe,H. and Sakaki,Y.

TITLE Homo sapiens genomic DNA

JOURNAL Published Only in Database (2001)

REFERENCE 2 (bases 1 to 191898)

AUTHORS Hattori,M., Ishii,K., Toyoda,A., Taylor,T.D., Hong-Seog,P.,
 Fujiyama,A., Yada,T., Totoki,Y., Watanabe,H. and Sakaki,Y.

TITLE Direct Submission

JOURNAL Submitted (28-DEC-2000) Masahira Hattori, The Institute of Physical
 and Chemical Research (RIKEN), Genomic Sciences Center (GSC);
 1-7-22 Suehiro-chou,Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
 (E-mail:hattori@gsc.riken.go.jp, URL:http://hgp.gsc.riken.go.jp/,
 Tel:81-45-503-9111, Fax:81-45-503-9170)

COMMENT

On Aug 9, 2002 this sequence version replaced gi:21327964.

FEATURES

source

Location/Qualifiers

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Protein

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Structure

PMC

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1: AY029200. Homo sapiens two-...[gi:20384653]

Links

LOCUS AY029200 2939 bp mRNA linear PRI 01-MAY-2002
 DEFINITION Homo sapiens two-pore calcium channel protein 2 mRNA, complete cds.
 ACCESSION AY029200
 VERSION AY029200.1 GI:20384653
 KEYWORDS .
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 2939)
 AUTHORS Zhu,M.X.
 TITLE Molecular cloning of a novel two-pore calcium channel protein
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 2939)
 AUTHORS Zhu,M.X.
 TITLE Direct Submission
 JOURNAL Submitted (03-APR-2001) Neurobiotechnology Center, The Ohio State
 University, 168 Rightmire Hall, 1060 Carmack Road, Columbus, OH
 43210, USA

FEATURES Location/Qualifiers
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BASE COUNT 515 a 833 c 882 g 709 t

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